LEF-ES Series

LEF-ES was developed for PV module protection under severe weathering and humidity condition. LEF-ES has been designed especially for crystalline silicone or thin film module by LGC's resin and film processing technology.

Features

- PolyOlefin Encapsulant Film
- Excellent Electrical Properties
- No Cross linking Required during Lamination
- No Acetic Acid Gas Generation
- Low Water Vapor Transmission Rate (WVTR)
- Excellent Adhesion to Glass and Backsheet Materials
- Higher Impact Resistance at Lower Temp.
- Good UV Stability and Damp Heat Duration

- More Economical Solution
- Shorter Press Cycle
- Reasonable Material Cost
- Customizable Solution
- Customized Color, thickness
 - & Properties

| | | LEF-ES |
|------------------------------------|----|--------------|
| Thickness (µm) | | 450 |
| Color | | Transparent |
| Adhesion to Glass (N/15mm) | | 100 |
| WVTR (38 °C / 90%) (g/m² ·day) | | 3.5 |
| Volume Resistivity (ohm.cm) | | > 3.0 x 1014 |
| Dielectric Strength (V/mil) | | > 600 |
| Tensile Elongation (%) | MD | 1400 |
| | TD | 1400 |
| Tensile Strength (MPa) | MD | 7.4 |
| | TD | 7.5 |
| Optical Transmittance (%) | | > 88 |
| Haze | | < 7 |

The data presented in this material are not guaranteed ones, only experimental ones



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LEF-ES series are UL recognized



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